

Response to Office Action of January 25, 2006
U.S. Patent Application Serial No.: 10/686,791

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-3 (Cancelled)

4. (Previously Presented) A method of assembling a groove glazed window component wherein at least one grooved lineal is applied to an edge portion of a glass unit, a groove of the grooved lineal having spaced apart walls, said method comprising the steps of:

(a) applying a sealant to at least one of the spaced apart walls of the groove, the sealant having an exposed surface bearing a dual state adhesive;

(b) applying a temporary adhesion blocker to the dual state adhesive to place the dual state adhesive in a first substantially non-adhesive state;

(c) urging the edge portion of the glass unit into the groove while the dual state adhesive is in its first substantially non-adhesive state, the edge portion of the glass unit contacting and sliding across the exposed surface of the dual state adhesive; and

(d) allowing the temporary adhesion blocker to dissipate thereby placing the dual state adhesive in a second substantially adhesive state to bond and seal the glass unit within the groove.

5. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 4 and wherein a plurality of grooved lineals are applied to a corresponding

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plurality of edge portions of the glass unit, and wherein step (c) further comprises urging the plurality of edge portions of the glass unit into the grooves of respective lineals substantially concurrently.

6. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 5 and wherein the glass unit is substantially rectangular with four edge portions and wherein four grooved lineals are applied to the four edge portions to form a rectangular window component.

7. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 6 and wherein the window component is a sash.

8. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 5 and wherein the grooved lineals are extruded lineals.

9. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 8 and wherein the grooved lineals are an extruded thermoplastic composite material.

10. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 8 and wherein the grooved lineals are configured to meet at their ends as the

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edge portions of the glass unit are urged into their grooves to define a substantially continuous frame around the glass unit.

11. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 10 and further comprising the step of joining the ends of the lineals together.

12. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 11 and wherein the step of joining the ends of the lineals together comprises welding.

13. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 12 and wherein the welding step comprises sonic welding.

14. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 11 and wherein the step of joining the ends of the lineals together comprises providing corner keys at the intersections of the lineals, the corner keys locking the ends of the lineals together.

15. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 4 and wherein the lineal has ends and a mid portion, the method further comprising the step of bowing the mid portion of the lineal toward the edge portion of the glass unit during step (c).

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16. (Previously Presented) A method of assembling a groove glazed window component as claimed in claim 15 and wherein the glass unit is rectangular having four edge portions and wherein four lineals are applied to said glass unit, each to a corresponding edge portion, and further comprising bowing the mid portions of each lineal toward the corresponding edge portion of the glass unit during step (c).

17 – 36. (Cancelled)